Electronic Pa							
Application Number:	103	10773583					
Filing Date:	05-	05-Feb-2004					
Title of Invention:		APPARATUS AND METHOD FOR DATA BYPASS FOR A BI-DIRECTIONAL DATA BUS IN A HUB-BASED MEMORY SUB-SYSTEM					
First Named Inventor/Applicant Name:	Do	Douglas A. Larson					
Filer:	Kai	Karen M. Lenaburg/denise sheridan					
Attorney Docket Number:	50	501296.01 (30266/US)					
Filed as Large Entity							
Utility under 35 USC 111(a) Filing Fees	1						
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)		
Basic Filing:					1		
Pages:							
Claims:							
Miscellaneous-Filing:							
Petition:							
Patent-Appeals-and-Interference:							
Post-Allowance-and-Post-Issuance:							
		1501	1	1510	1510		

Publ. Fee- early, voluntary, or normal

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:	·			
Miscellaneous:				
Printed copy of patent - no color	8001	1	3	3
	Tot	Total in USD (\$)		